United States Patent [19] Majidzadeh et al.			
[54]		E COMPOSITION	
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[51] [52]			

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29.7, 42.13

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[7] ABSTRACT

A curable concrete composition suitable for forming concrete having a high damping capacity is formed from sand, gravel, cement, and vegetable gum particles. In one embodiment, the vegetable gum particles are coated with a water based and or water dispersable resin and a curing agent for the resin. In this embodiment, the relative concentration of resin and curing agents is controlled to cause substantially complete curing of the resin within about the same time necessary to substantially completely cure the concrete formed from the composition. In a second embodiment, an emulsion of vegetable gum is substituted for the solid vegetable gum particles.

45 Claims, No Drawings